

**In the Claims:**

1-118. Canceled.

119. (Currently amended) An isolated nucleic acid having at least 80% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
- (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
- ~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;~~
- ~~(e)~~(d) the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417);
- ~~(f)~~(e) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417); or
- ~~(g)~~(f) the full-length coding sequence of the cDNA deposited under ATCC accession number 203115;

wherein said polypeptide induces proliferation of stimulated T lymphocytes in a mixed lymphocyte reaction.

120. (Currently amended) An isolated nucleic acid of Claim 119 having at least 85% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
- (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);

- (d) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;~~
- (e) the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417);
- (f)(d) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417); or
- (g)(e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203115;  
wherein said polypeptide induces proliferation of stimulated T lymphocytes in a mixed lymphocyte reaction.

121. (Currently amended) An isolated nucleic acid of Claim 119 having at least 90% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
- (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
- (d) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;~~
- (e) the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417);
- (f)(d) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417); or
- (g)(e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203115;  
wherein said polypeptide induces proliferation of stimulated T lymphocytes in a mixed lymphocyte reaction.

122. (Currently amended) An isolated nucleic acid of Claim 119 having at least 95% nucleic acid sequence identity to:
- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
  - (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;
  - (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
  - ~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;~~
  - (e) the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417);
  - ~~(f)(d)~~ the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO: 417); or
  - ~~(g)(e)~~ the full-length coding sequence of the cDNA deposited under ATCC accession number 203115;  
wherein said polypeptide induces proliferation of stimulated T lymphocytes in a mixed lymphocyte reaction.

123. (Currently amended) An isolated nucleic acid of Claim 119 having at least 99% nucleic acid sequence identity to:
- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
  - (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;
  - (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
  - ~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;~~

- (e) the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417);
- ~~(f)~~(d) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417); or
- ~~(g)~~(e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203115;  
wherein said polypeptide induces proliferation of stimulated T lymphocytes in a mixed lymphocyte reaction.

124. (Currently amended) An isolated nucleic acid comprising:

- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
- (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418);
- ~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;~~
- (e) the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417);
- ~~(f)~~(d) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (SEQ ID NO:417); or
- ~~(g)~~(e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203115.

125. (Currently amended) The isolated nucleic acid of Claim 124 comprising a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 shown in Figure 300 (SEQ ID NO:418).

126. (Currently amended) The isolated nucleic acid of Claim 124 comprising a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 ~~shown in Figure 300 (SEQ ID NO:418)~~, lacking its associated signal peptide.
127. (Currently amended) The isolated nucleic acid of Claim 124 comprising the nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 ~~shown in Figure 300 (SEQ ID NO:418)~~, lacking its associated signal peptide.
128. Canceled.
129. (Currently amended) The isolated nucleic acid of Claim 124 comprising the nucleic acid sequence of SEQ ID NO: 417 ~~shown in Figure 299 (SEQ ID NO:417)~~.
130. (Currently amended) The isolated nucleic acid of Claim 124 comprising the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 ~~shown in Figure 299 (SEQ ID NO:417)~~.
131. (Previously presented) The isolated nucleic acid of Claim 124 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203115.
132. (Currently amended) An isolated nucleic acid that hybridizes under stringent conditions to:
- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 ~~shown in Figure 300 (SEQ ID NO: 418)~~;
  - (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 418 ~~shown in Figure 300 (SEQ ID NO: 418)~~, lacking its associated signal peptide;
  - (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 418 ~~shown in Figure 300 (SEQ ID NO:418)~~;

- (d) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 300 (SEQ ID NO:418), lacking its associated signal peptide;~~
- (e) the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (~~SEQ ID NO:417~~);
- (f)(e) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 417 shown in Figure 299 (~~SEQ ID NO:417~~); or
- (g)(f) the full-length coding sequence of the cDNA deposited under ATCC accession number 203115;

wherein said stringent conditions employ hybridization using 50% formamide, 5X SSC, 50 mM sodium phosphate (pH 6.8), 0.1% sodium pyrophosphate, 5X Denhardt's solution, sonicated salmon sperm DNA (50 µg/ml), 0.1% SDS, and 10% dextran sulfate at 42°C, and washes at 42°C in 0.2X SSC, at 55°C in 50% formamide followed by a high-stringency wash at 55°C in 0.1X SSC, EDTA.

133. Canceled.
134. (Previously presented) The isolated nucleic acid of Claim 52 which is at least 10 nucleotides in length.
135. (Currently amended) A vector comprising the nucleic acid of Claim 124 ~~119~~.
136. (Previously presented) The vector of Claim 135, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.
137. (Previously presented) A host cell comprising the vector of Claim 135.
138. (Previously presented) The host cell of Claim 137, wherein said cell is a CHO cell, an *E. coli* or a yeast cell.